

US 93 FISH AND WILDLIFE CROSSINGS

10. Agency Creek Fish Crossing

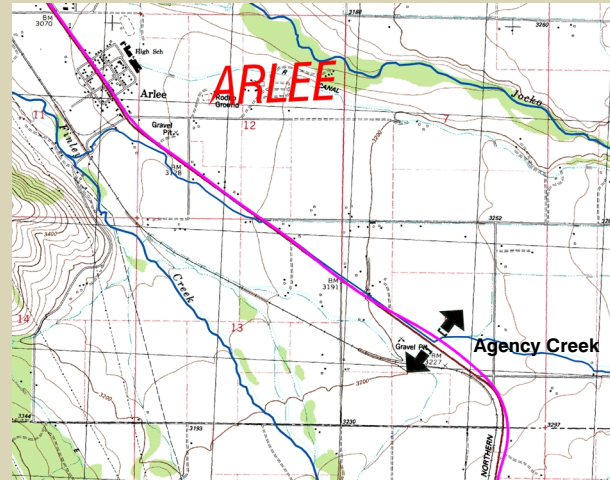
Arlee - Ravalli Segment

The existing culvert is undersized. As a result, water is diverted into the borrow ditch northeast of the highway and has been known to flow across the road during high water events. A properly sized culvert is necessary to restore the stream's natural velocity and channel pattern. This measure, along with restoration/reclamation of the gravel pit to the west and the planting of native riparian vegetation, will improve the aquatic environment and help preserve the stream's potential as restored fish habitat.

Design Recommendations

Recommended crossing type: *Corrugated metal pipe or concrete box culvert*

Approximate dimensions: 4' x 6'



Notes:

No page wire fencing required.

Criteria for locations of crossings:

1. **Winter tracking** - NA.
2. **Summer Game Trails** - NA.
3. **Road Kill Data** - Tribal data from 1/95-10/98 combined with MDT data from 12/97-1/00 indicated 2 kills in this area.
4. **Habitat** - Grasslands.
5. **Engineering Practicality** - The road is sited enough above grade to accommodate an open bottom culvert.



US 93 DESIGN DISCUSSIONS

Project Committee:

Evarto to Polson, Montana

Montana Department of Transportation

Federal Highway Administration

The Confederated Salish & Kootenai Tribes of the Flathead Nation

Prime Consultant: Skillings-Connolly, Inc. - Consulting Engineers

